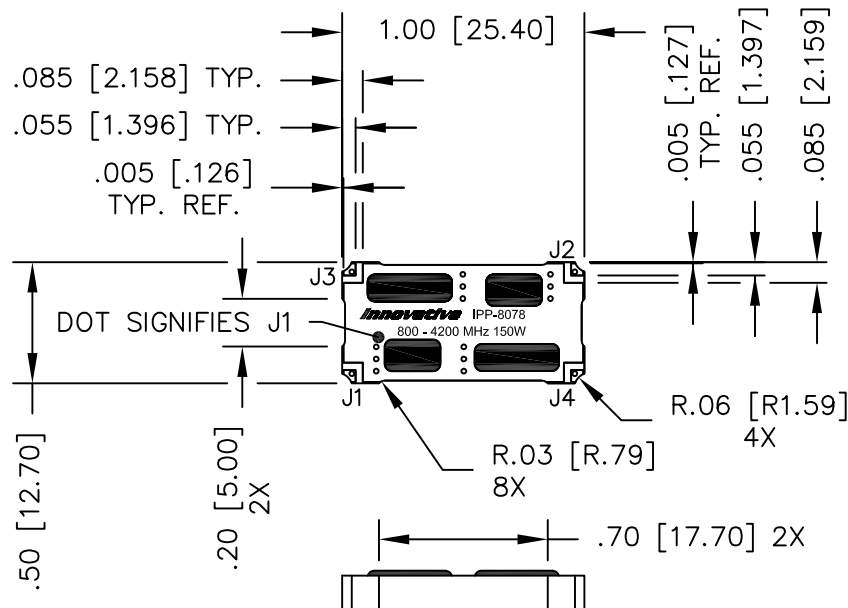
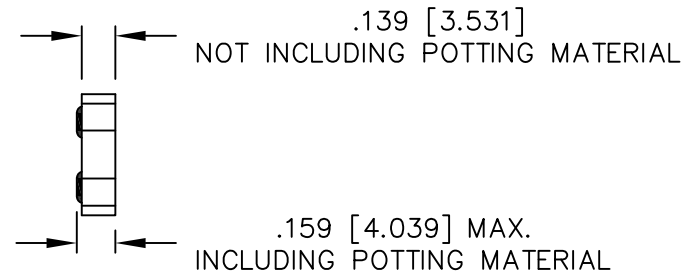


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED



DAR	REV	DESCRIPTION	APPVD	DATE
4708	C	SEE DAR	DG	12-13
6077	D	SEE DAR	TJD	3-16
6657	E	SEE DAR	DG	4-17



NOTES:

- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- SHIELDING OF 50 OHM LAUNCH LINES MAY BE REQUIRED TO MAINTAIN ISOLATION BETWEEN PORTS.
- AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- DO NOT EXCEED 220°C WHEN INSTALLING COUPLER.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	800 - 4200 MHz.
INSERTION LOSS:	<0.30 dB
MAIN LINE VSWR:	<1.30:1
DIRECTIVITY:	>18dB
COUPLING:	32±1.5dB
COUPLED FLATNESS:	±0.8dB
POWER:	150 WATT
TEMPERATURE:	-55°C TO 85°C

PORT CONFIGURATION			
INPUT	OUTPUT	FORWARD COUPLED	REFLECTED COUPLED
J1	J2	J3	J4
J2	J1	J4	J3

MATERIAL		DWN S.Cornell	DATE 4-26-13	<div><i>Innovative</i> ^{Power} <i>Products</i></div>		
		ENG DG	DATE 4-13			
FINISH		MANUF	DATE	TITLE OUTLINE SMD COUPLER, DDC, 800 - 4200 MHZ. 150W		
TIN/LEAD						
TOLERANCE		CAGE CODE: 437R2		SIZE P/N IPP-8078* REV. E		
IN [MM]		SHEET OF	SCALE			
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°		1 1	2:1			